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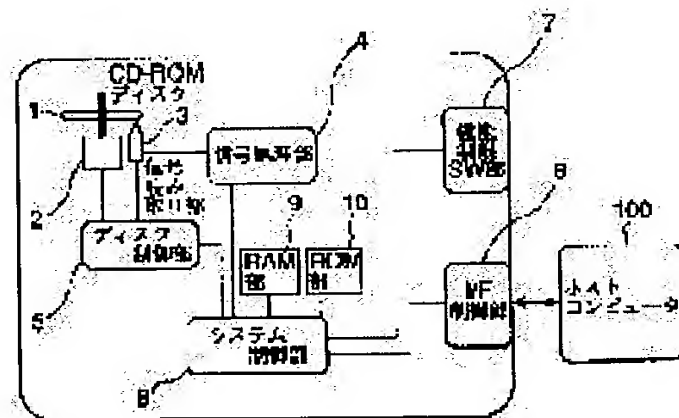
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(54) METHOD FOR UPDATING FIRMWARE OF OPTICAL DISK REPRODUCING DEVICE

(57)Abstract:

PURPOSE: To normally restore an optical disk reproducing device by the updating processing of firmware even when the device is disabled from operating due to the generation of abnormality in a control program (firmware) stored in a system control part built in the device.

CONSTITUTION: Firmware in the system control part 8 is divided into a loader part for executing device starting processing including firmware updating processing and a program part for executing normal processing other than the processing of the loader part. If the device is disabled from operating due to the abnormality of the firmware, the firmware to be functioned is limited only to the loader part by turning on a function limiting switch 7 and the device is restarted only by the independent function of the loader part to execute firmware updating processing. Thereby even if the device is disabled due to the abnormality of the firmware, firmware updating processing can be executed by simple operation for turning on only the switch 7.



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